

Claims

1. A generating set utilizing river flowing water or sea flowing water, characterized in that the generating set is formed so that a conveyor is passed around a plurality of rotary shafts provided in parallel with each other in the interior of a lower end-opened frame with a lower circulating portion of the conveyor set substantially flush with a lower end-opened circumferential edge of the frame and supported so that the conveyor is circulated in the shape of a loop on the inner side of a substantially vertical plane in the substantially horizontal direction, the frame being supported vertically slidably around guide rods stood up on a river bottom or a sea bottom so that the circulating direction of the conveyor supported in the frame agrees with the direction in which the river flowing water or the sea flowing water advances, a plurality of buckets for letting the river flowing water or the sea flowing water flow thereinto being fixed at predetermined intervals to an outer surface of the circulating portion of the conveyor so that the buckets are lined up in the longitudinal direction of the same outer surface with openings of the buckets facing in the direction opposite to the direction in which the river flowing water or the sea flowing water advances and opposite to the direction in which the conveyor is circulated, the frame being provided with floats containing on the inner side thereof a gas for floating

the frame on the surface of the river flowing water or the sea flowing water, in such a manner that the shafts for supporting the conveyor on the inner side of the frame are positioned near the surface of the river flowing water or the sea flowing water, a generator being connected to one of the rotary shafts which support the conveyor so that the conveyor can be circulated, and which is adapted to be rotated in accordance with the circulation of the conveyor.

2. A generating set utilizing river flowing water or sea flowing water according to Claim 1, wherein the buckets lined up on the outer surface of the lower circulating portion of the conveyor is provided with a reverse rotation preventing mechanism for preventing the buckets lined up on the outer surface of the lower circulating portion of the conveyor from being pushed back due to waves returning in the portion of the sea water which is near the surface of the same water to cause the buckets to be pushed back in the direction opposite to the direction in which the sea flowing water advances, and thereby preventing the conveyor from being circulated in the reverse direction.

3. A generating set utilizing river flowing water or sea flowing water according to Claim 1 or 2, wherein the frame is provided with a stopper mechanism for preventing the frame from being lowered excessively around the guide rods.

4. A generating set utilizing river flowing water or sea

flowing water according to Claim 1, 2 or 3, wherein the buckets lined up on the outer surface of the circulating portion of the conveyor in the longitudinal direction are provided on outer edges of openings thereof with guide plates for introducing the river flowing water or sea flowing water into the buckets, in such a manner that the guide plates are stood up in the diagonally outward direction opposite to the direction in which trunk portions of the buckets extend.

5. A generating set utilizing river flowing water or sea flowing water according to Claim 1, 2, 3 or 4, wherein a guide dam for collecting the river flowing water or the sea flowing water in a position near the openings of the buckets lined up on the outer surface of the lower circulating portion of the conveyor, and introducing the resultant water into the buckets is provided in a position near the river bottom or the sea bottom.

6. A generating set utilizing river flowing water or sea flowing water according to Claim 1, 2, 3, 4 or 5, wherein the conveyor is made of a combination of a chain and sprockets.